

**COMBINED DECLARATION AND POWER OF  
ATTORNEY FOR UTILITY PATENT APPLICATION**

**Docket No. 221.P1**

AS A BELOW-NAMED INVENTOR, I HEREBY DECLARE THAT:

My residence, post office address and citizenship are as stated below next to my name.

I BELIEVE I AM THE ORIGINAL, FIRST AND SOLE INVENTOR (if only one name is listed below)  
OR AN ORIGINAL, FIRST AND JOINT INVENTOR (if more than one name is listed below) OF THE  
SUBJECT MATTER WHICH IS CLAIMED AND FOR WHICH A PATENT IS SOUGHT ON THE INVENTION

ENTITLED: NUCLEOTIDE ANALOGS  
the specification of which:

(check one) X is attached hereto:  
\_\_\_\_\_ was filed on \_\_\_\_\_ as  
Application Serial No. \_\_\_\_\_  
and was amended on \_\_\_\_\_;  
(if applicable)

I HAVE REVIEWED AND UNDERSTAND THE CONTENTS OF THE ABOVE-IDENTIFIED SPECIFICATION,  
INCLUDING THE CLAIMS, AS AMENDED BY ANY AMENDMENT REFERRED TO ABOVE.

I acknowledge and understand that I am an individual who has a duty to disclose information  
which is material to the patentability of the claims of this application in accordance with Title  
37, Code of Federal Regulations, §§ 1.56(a) and (b) which state:

"(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is cancelled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is cancelled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

- (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.

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(b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and

- (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
- (2) It refutes, or is inconsistent with, a position the applicant takes in:
  - (i) Opposing an argument of unpatentability relied on by the Office, or
  - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish an contrary conclusion of patentability."

**CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S)**  
(34 U.S.C. § 119(e))

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

60/022.708 filed July 26, 1996

I do not know and do not believe this invention was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to said application. This invention was not in public use or on sale in the United States of America more than one year prior to this application. This invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on any application filed by me or my legal representatives or assigns more than twelve months prior to this application.

I hereby appoint the following attorneys and agents to prosecute said application and to transact all business in the Patent and Trademark Office connected therewith and to file, to prosecute and to transact all business in connection with all patent applications directed to said invention:

Max D. Hensley - Reg. No. 27,043    Daryl Muenchau - Reg. No. 36,616  
Mark L. Bosse - Reg. No. 35,071

and: \_\_\_\_\_

Address all correspondence to: **GILEAD SCIENCES, INC.**  
333 Lakeside Drive  
Foster City, California 94404

Address all telephone calls to: Daryl D. Muenchau at 415-573-4712.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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Full Name of First Inventor <b>Murty N. Arimilli</b>	Signature	Date
Residence <b>4789 Ridgewood Drive, Fremont, California 94555, USA</b>		Citizenship <b>India</b>
Post Office Address <b>same as above</b>		
Full Name of Second Inventor <b>Kenneth C. Cundy</b>	Signature	Date
Residence <b>3802 Naughton Avenue, Belmont, California 94002, USA</b>		Citizenship <b>United States</b>
Post Office Address <b>same as above</b>		
Full Name of Third Inventor <b>Joseph P. Dougherty</b>	Signature	Date
Residence <b>856 Castro Street, San Francisco, California 94114, USA</b>		Citizenship <b>United States</b>
Post Office Address <b>same as above</b>		
Full Name of Fourth Inventor <b>Choung U. Kim</b>	Signature	Date
Residence <b>1750 Elizabeth Street, San Carlos, California 94070</b>		Citizenship <b>United States</b>
Post Office Address <b>same as above</b>		
Full Name of Fifth Inventor <b>Reza Oliyai</b>	Signature	Date
Residence <b>116 Victory Circle, San Ramon, California 94583, USA</b>		Citizenship <b>United States</b>
Post Office Address <b>same as above</b>		
Full Name of Sixth Inventor <b>Valentino J. Stella</b>	Signature	Date
Residence <b>1324 Lawrence Avenue, Lawrence, Kansas 66049</b>		Citizenship <b>United States</b>
Post Office Address <b>same as above</b>		

**PATENT**

Attorney's Docket No. 221.P1

Applicant or Patentee: Murty N. Arimilli, Kenneth C. Cundy, Joseph P. Dougherty, Choung U. Kim, Reza (NMI) Oliyai and Valentino J. Stella

Serial or Patent No.: Unassigned

Filed or Issued: July 25, 1997

For: NUCLEOTIDE ANALOGS

**VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS (37 CFR 1.9 (f) and 1.27 (c))---SMALL BUSINESS CONCERN**

I hereby declare that I am

☐ the owner of the small business concern identified below:

☒ an official of the small business concern empowered to act on behalf of the concern identified below:

NAME OF CONCERN GILEAD SCIENCES, INC.

ADDRESS OF CONCERN 333 Lakeside Drive

Foster City, California 94404

I hereby declare that the above identified small business concern qualifies as a small business concern as defined in 13 CFR 121.3-18, and reproduced in 37 CFR 1.9 (d), for purposes of paying reduced fees under Section 41 (a) and (b) of Title 35, United States Code, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third-party or parties controls or has the power to control both.

I hereby declare that rights under contract or law have been conveyed, to and remain with the small business concern identified above with regard to the invention, entitled

NUCLEOTIDE ANALOGS

by inventor(s) Murty N. Arimilli, Kenneth C. Cundy, Joseph P. Dougherty, Choung U. Kim, Reza (NMI) Oliyai and Valentino J. Stella

described in

☒ the specification filed herewith.

☐ application serial no. \_\_\_\_\_, filed \_\_\_\_\_.

☐ patent no. \_\_\_\_\_, issued \_\_\_\_\_.

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If the rights held by the above identified small business concern are not exclusive, each individual, concern or organization having rights in the invention is listed below and no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.9 (c) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9 (d) or a nonprofit organization under 37 CFR 1.9 (e).

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

☐ INDIVIDUAL    ☐ SMALL BUSINESS CONCERN    ☐ NONPROFIT ORGANIZATION

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

☐ INDIVIDUAL    ☐ SMALL BUSINESS CONCERN    ☐ NONPROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28 (b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING Max D. Hensley

TITLE OF PERSON OTHER THAN OWNER Vice President for Intellectual Property

ADDRESS OF PERSON SIGNING Gilead Sciences, Inc.  
333 Lakeside Drive  
Foster City, CA 94404

SIGNATURE Max D. Hensley

Date July 25, 1997

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